



COIMBATORE INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ECE

IoT Centre

[www.citeceiot.in]

<https://www.youtube.com/channel/UCoLEU2SwqiDXtI3sYR6Sa1Q/videos>



PROJECT LIST

ONGOING PROJECTS:

- Predicting air pollutant concentration using time series forecasting algorithms
- IoT based Indoor Air Quality and smart energy management for HVAC system
- IoT based oil and gas pipeline inspection system
- Design and development of cost effective system to detect insects in Mango
- IoT based indoor location detection system
- IoT based vehicle speed monitoring and controlling system
- IoT based e-vehicle system
- IoT based autonomous trashbot system
- Design and implementation of IoT based air quality monitoring and controlling system
- Design and development of efficient real time task assignment algorithms for IoT based heterogeneous multiprocessor systems
- Enhanced power efficiency and security approach for IoT devices
- SHOW MY SPOT - IoT based parking system for CIT Campus
- IoT enabled Smart door system for IoT LAB @CIT
- An Integrated modelling for forecasting air pollutant concentration in NCR

COMPLETED PROJECTS:

- IoT based smart laboratory
- IoT based intelligent voice controlled laboratory using Google Assistant
- IoT based smart dustbin
- IoT based smart bag
- IoT based smart energy management system
- Intelligent light automation system
- IoT based CIT community radio
- IoT based car parking system
- JARVIS-The intelligent bot
- Amazon Lex based personalized chatbot
- IoT based manhole monitoring and alerting system
- Embedded assistive cane for visually impaired persons
- IoT based hazardous area monitoring of industrial plants
- IRIS based wheelchair controlling system.
- A cost-effective system for detecting weevils inside mangoes using acoustic techniques
- Real Time Student Health Monitoring and Interactive system using IoT